

7000 GeV pp

Top (parton level)

 $p_T$  (top) ( $p_{Ttt} > 50$   $d_y > 0$ )

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$ 

- Pythia 6.428 359
- Pythia 6.428 370
- Pythia 6.428 a
- Pythia 6.428 dw
- Pythia 6.428 p0
- Pythia 6.428 pro-q2o

(MC\_FBA\_TTBAR)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to Pythia 6.428 359

2

1

0.5

2

1

0.5

0

100

200

300

400